

ABSTRACT OF THE DISCLOSURE

The invention provides methods and compositions for normalizing and amplifying RNA populations. The methods generally comprise the steps of copying message RNA (mRNA) to form first single-stranded (ss) cDNA; converting the first ss-cDNA to first double-stranded (ds) cDNA; linearly amplifying the first ds-cDNA to form first amplified RNA (aRNA); tagging the 3' end of the first aRNA with a known sequence to form 3'-tagged first aRNA; copying the 3'-tagged first aRNA to form second ss-cDNA; and normalizing the mRNA and/or the first aRNA.

5

000290-0092560